



Emergency Vehicle Access and Gated entrances/exits

All aspects and all requirements for electronic gate vehicle access requirements in 2022 California Fire Code Chapter 5, CFC 503 and CFC Appendix D shall be met for gated vehicle access.

Plans shall be submitted to and approved by Stanislaus County Fire Prevention Bureau prior to installation to ensure that adequate provisions for emergency services access have been made.

Plans shall be submitted to and approved by the Development Services Department to ensure that pedestrian and vehicular safety and compliance with established fence setback standards have been attained.

A building permit is required for ANY electrical installation and for structural consideration if gates or fences exceed 7 feet in height. CBC 105.2 See Stanislaus County Building Department to obtain a permit.

The recommended gate setback from the property line is 35 feet so the stopped fire engine will not be a hazard to traffic, this distance may be modified when approved by both the Fire Marshal and Development Services Manager.

In all cases the overhead clearance must not be less than 13 feet and 6 inches in height (minimum requirement for fire truck vertical clearance).

Entrances and Exits:

- 1) One-way traffic lanes that are physically divided: A minimum of 15 feet of driving surface shall be maintained. Gates shall provide a clear and unobstructed opening width of 12 feet.
- 2) Undivided, two-way traffic lanes: A minimum of 20 feet of driving surface shall be provided. Gates shall provide a clear and unobstructed opening width of 16 feet.
- 3) Additional width will be required for parking or turnout areas and may be required if the vehicle turn radius is inadequate.

Operation of Gates:

- 1) Required gates shall be equipped with a Stanislaus County Fire Department accessible, electrically operated KNOX key switch.
- 2) Required gates shall also be operable by remote telephone access. The telephone number which activates the gate shall be provided to the Fire Department for entry into the emergency dispatch file.
- 3) Other forms of remote gate activation will be considered and may be approved on a case-by case basis.
- 4) All electrically operated controls shall unlock upon power failure.
- 5) All electronic gates shall have an approved means of emergency operation, maintained operational at all times and shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with requirements of ASTM F2200.

Check on-line at knoxbox.com for individual fire district application forms and e-approvals